

Patent Claims:

1. An electromechanically actuated parking brake for motor vehicles that is designed as a drum brake of the 'Duo-Servo' type, including a floatingly supported expanding lock (2) which is operable by an electromechanical actuator (15) arranged on a wheel carrier, and which is essentially composed of a threaded-nut/spindle assembly (8), the threaded nut (6) of which is driven by the electromechanical actuator (15), and of two thrust members (13, 14),
c h a r a c t e r i z e d in that at least one spring element (9) is provided in the flux of force between the threaded-nut/spindle assembly (8) and at least one of the thrust members (13, 14).
2. The electromechanically operated parking brake as claimed in claim 1,
c h a r a c t e r i z e d in that the spring element (9) is arranged between the thrust member (14) and a thrust collar (21) cooperating with the threaded nut (6).
3. The electromechanically operated parking brake as claimed in claim 1,
c h a r a c t e r i z e d in that an axial mounting support of the threaded nut (6) is provided in the housing (10) of the expanding lock (2).

4. The electromechanically operated parking brake as claimed in claim 3,
c h a r a c t e r i z e d in that the axial mounting support is designed as a calotte-type bearing (20).
5. The electromechanically operated parking brake as claimed in claim 4,
c h a r a c t e r i z e d in that the calotte-type bearing (20) is formed of a calotte-type component (32) and a concave bearing part (33) which includes an axial extension (34) projecting into a blind-end bore (35) of the spindle (7).
6. The electromechanically operated parking brake as claimed in claim 4,
c h a r a c t e r i z e d in that the calotte-type bearing (20) is formed of a ball (22) and a ball socket (23).
7. The electromechanically operated parking brake as claimed in any one of claims 4 to 6,
c h a r a c t e r i z e d in that the threaded nut (6) is supported on the thrust member (14) by way of the spring element (9), the thrust collar (21), and the calotte-type bearing (20).
8. The electromechanically operated parking brake as claimed in any one of the preceding claims 2 to 7,
c h a r a c t e r i z e d in that the thrust member (14), the spring element (9), and the thrust collar (21) form an independently manageable subassembly.

9. The electromechanically operated parking brake as claimed in any one of the preceding claims,
c h a r a c t e r i z e d in that the spring element (9)
is formed of at least one cup spring.